CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
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JAS-ANZ
ISO 9001:2000 CERTIFIED

CQCE BBMP/PRN/W.No.17/2019-20 Date: 23.10.2019

TEST REPORT ON CONCRETE CUBES

: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
: **Sri. Purushotham Raju N,** Contractor, Bangalore.
: Construction of Market Building At JP Park in Ward No 17, BBMP, Bangalore.

: Cement Concrete - GF Beam
: 150mmx150mmx150mm
: 22500 mm^2
: IS: 516-1959 (Reaffirmed 2008)
: M_{30}
: 7th day

	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
	16.10.2019	23.10.2019	8.265	498.6	22.16
	16.10.2019	23.10.2019	8.228	506.3	22.50
	16.10.2019	23.10.2019	8.252	535.8	23.81

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For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Brunat Bengaluru Mahanagara Palike

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CQCE/BBMP/PRN/W.No.17/2019-20 Date: 13.11.2019

TEST REPORT ON CONCRETE CUBES

: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
: **Sri. Purushotham Raju N,** Contractor, Bangalore.
: Construction of Market Building At JP Park in Ward No 17, BBMP, Bangalore.

: Cement Concrete - GF Beam
: 150mmx150mmx150mm
: 22500 mm^2
: IS: 516-1959 (Reaffirmed 2008)
: M_{30}
: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.10.2019	13.11.2019	8.385	728.6	32.38
2	16.10.2019	13.11.2019	8.369	735.8	32.70
3	16.10.2019	13.11.2019	8.352	716.2	31.83

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For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

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CQCE BBMP/PRN/W.No.17/2019-20 Date: 23.10.2019

TEST REPORT ON CONCRETE CUBES

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: **Sri. Purushotham Raju N,** Contractor, Bangalore.
: Construction of Market Building At JP Park in Ward No 17, BBMP, Bangalore.

: Cement Concrete - GF Beam
: 150mmx150mmx150mm
: 22500 mm^2
: IS: 516-1959 (Reaffirmed 2008)
: M_{30}
: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.10.2019	23.10.2019	8.265	512.3	22.77
2	16.10.2019	23.10.2019	8.228	535.8	23.81
3	16.10.2019	23.10.2019	8.254	526.9	23.42

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: 150mmx150mmx150mm
: 22500 mm^2
: IS: 516-1959 (Reaffirmed 2008)
: M_{30}
: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.10.2019	13.11.2019	8.375	739.6	32.87
2	16.10.2019	13.11.2019	8.362	725.3	32.24
3	16.10.2019	13.11.2019	8.318	701.5	31.18

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: 22500 mm^2
: IS: 516-1959 (Reaffirmed 2008)
: M_{30}
: 7th day

Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
16.10.2019	23.10.2019	8.295	488.6	21.72
16.10.2019	23.10.2019	8.266	506.3	22.50
16.10.2019	23.10.2019	8.215	516.8	22.97

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: Cement Concrete - GF Beam
: 150mmx150mmx150mm
: 22500 mm^2
: IS: 516-1959 (Reaffirmed 2008)
: M_{30}
: 28th day

	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
	16.10.2019	13.11.2019	8.374	705.2	31.34
	16.10.2019	13.11.2019	8.352	719.6	31.98
	16.10.2019	13.11.2019	8.369	728.4	32.37

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: Cement Concrete - GF Beam
: 150mmx150mmx150mm
: 22500 mm^2
: IS: 516-1959 (Reaffirmed 2008)
: M_{30}
: 7th day

	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
	16.10.2019	23.10.2019	8.265	505.2	22.45
	16.10.2019	23.10.2019	8.228	516.3	22.95
	16.10.2019	23.10.2019	8.252	538.5	23.93

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: Cement Concrete - GF Beam
: 150mmx150mmx150mm
: 22500 mm^2
: IS: 516-1959 (Reaffirmed 2008)
: M_{30}
: 28th day

	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
	13.11.2019	13.11.2019	8.389	716.9	31.86
	13.11.2019	13.11.2019	8.365	728.6	32.38
	13.11.2019	13.11.2019	8.352	735.6	32.69

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: Cement Concrete - GF Beam
: 150mmx150mmx150mm
: 22500 mm^2
: IS: 516-1959 (Reaffirmed 2008)
: M_{30}
: 7th day

Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
16.10.2019	23.10.2019	8.233	500.3	22.24
16.10.2019	23.10.2019	8.252	526.3	23.39
16.10.2019	23.10.2019	8.269	538.1	23.92

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Job No. CQCE/BBMP/PRN/W.No.17/2019-20 Date: 13.11.2019

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Contractor : **Sri. Purushotham Raju N,** Contractor, Bangalore.
Name of the work : Construction of Market Building At JP Park in Ward No 17, BBMP, Bangalore.

Sample ID : Cement Concrete - GF Beam
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Testing Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{30}
Compressive Strength as on : 28th day

Sl No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.10.2019	13.11.2019	8.369	752.6	33.45
2	16.10.2019	13.11.2019	8.382	735.8	32.70
3	16.10.2019	13.11.2019	8.356	725.3	32.24

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CQCE/BBMP/PRN/W.No.17/2019-20 Date: 02.11.2019

TEST REPORT ON CONCRETE CUBES

: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
: **Sri. Purushotham Raju N,** Contractor, Bangalore.
: Construction of Market Building At JP Park in Ward No 17, BBMP, Bangalore.

: Cement Concrete - GF Stairs & Roof
: 150mmx150mmx150mm
: 22500 mm^2
: IS: 516-1959 (Reaffirmed 2008)
: M_{30}
: 7th day

	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
	26.10.2019	02.11.2019	8.252	505.2	22.45
	26.10.2019	02.11.2019	8.236	519.3	23.08
	26.10.2019	02.11.2019	8.228	535.8	23.81

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For CIVIL QUALITY CONSULTANTS & ENGINEERS

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

Authorised Signatory

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Job No.: CQCE/BBMP/PRN/W.No.17/2019-20 Date: 23.11.2019

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Contractor : **Sri. Purushotham Raju N,** Contractor, Bangalore.
Name of the work : Construction of Market Building At JP Park in Ward No 17, BBMP, Bangalore.

Sample ID : Cement Concrete - GF Stairs & Roof
No. of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Testing Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{30}
Compressive Strength as on : 28th day

Sl No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.10.2019	23.11.2019	8.336	725.2	32.23
2	26.10.2019	23.11.2019	8.368	736.9	32.75
3	26.10.2019	23.11.2019	8.352	718.2	31.92

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: Construction of Market Building At JP Park in Ward No 17, BBMP, Bangalore.

: Cement Concrete - GF Stairs & Roof
: 150mmx150mmx150mm
: 22500 mm^2
: IS: 516-1959 (Reaffirmed 2008)
: M_{30}
: 7th day

Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
26.10.2019	02.11.2019	8.225	504.2	22.41
26.10.2019	02.11.2019	8.236	489.6	21.76
26.10.2019	02.11.2019	8.265	516.5	22.96

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: Cement Concrete - GF Stairs & Roof
: 150mmx150mmx150mm
: 22500 mm^2
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: M_{30}
: 28th day

Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
26.10.2019	02.11.2019	8.336	752.3	33.44
26.10.2019	02.11.2019	8.369	735.2	32.68
26.10.2019	02.11.2019	8.338	718.9	31.95

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Engineer
Sub-Division-01
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Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Contractor : **Sri. Purushotham Raju N,** Contractor, Bangalore.
Name of the work : Construction of Market Building At JP Park in Ward No 17, BBMP, Bangalore.

Sample ID : Cement Concrete - GF Stairs & Roof
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{30}
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.10.2019	02.11.2019	8.236	501.2	22.28
2	26.10.2019	02.11.2019	8.265	528.2	23.48
3	26.10.2019	02.11.2019	8.228	516.5	22.96

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